

FOLIO

University of Alberta

2 February 1989

U of A Joins Consortium for Computing in the Humanities

The University of Alberta recently joined the Consortium for Computing in the Humanities (COCH/COSH), a national cooperative of Canadian universities dedicated to the support of computer-assisted research and teaching in the humanities. This support takes the form of educational services, information exchange, and resource sharing.

Along with the Association for Computing in the Humanities (ACH) and the Association for Literary and Linguistic Computing (ALLC), COCH/COSH is helping to sponsor the Toronto-Oxford Summer School for Literary and Linguistic Computing this June in Toronto, where week-long courses on such topics as "Database Management Systems" and "The Oxford Concordance Package" will be offered. COCH/COSH is planning to offer bursaries for graduate students interested in attending some of these courses.

COCH/COSH issues a regular newsletter, reporting news of computer-related activities in member institutions. In addition, along with AHC and ALLC, it sponsors an electronic discussion group called HUMANIST, which numbers some 300 participants from Canada, the U.S., Britain, Europe, the Middle East, Australia, and New Zealand. Those wishing to participate in HUMANIST require only an electronic mail

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Jerome Schein (centre) wastes no time getting acquainted with Roger Carver, Acting Coordinator, Western Canadian Centre of Specialization in Deafness Studies, and a colleague.

Schein Appointed to Chair in Deafness Studies

Jerome Schein, internationally recognized for his work in deafness research, is the first to hold the David Peikoff Chair in Deafness Studies. Dr. Schein officially began his term on 1 January for one year.

The world of the deaf is one of total isolation. Without the ability to communicate (except among themselves), deaf people are very much alone. To help the deaf emerge from their solitude, Dr. Schein plans to develop a program to train interpreters for the deaf. Currently there are programs but no coordination. Dr. Schein developed an extremely successful program in the United States after realizing there was a severe shortage of interpreters (in the mid-1970s there were only 500). He spearheaded the National

Interpretive Training Consortium some five years later more than 3,000 qualified interpreters were available to assist the deaf. It

was so successful that the American government now oversees the interpretive program and the consortium is no longer needed.

Dr. Schein also brings expertise in demographics to the Chair. He was the first person to conduct a national census of the deaf population in the U.S. and was instrumental in devising a Model State Plan, created in such a way as to be easily adaptable to each state's particular needs of its deaf population. He plans to conduct demographic research in Alberta and Canada (to date there is no information on the number of deaf people in the country, their gender or age, or where the largest deaf population can be found).

Dr. Schein held the prestigious Powrie Vaux Doctor Chair of Deaf Studies at Gallaudet University in Washington, D.C., in 1986-87, and is professor emeritus and former

director of the Deafness Research and Training Centre at New York University. He was dean, College of Education, University of Cincinnati, from 1968 to 1970 and served as director, Office of Research, and Professor of Psychology, Gallaudet College, from 1960 to 1968.

Dr. Schein is constantly being sought out by numerous agencies and organizations, including the Veterans Administration, Boston Guild for Hard of Hearing, New York Society for the Deaf, National Institute for Disability and Rehabilitation Research. He is co-Chair of the Scientific Review and Evaluation Board, Sensory Studies Section. Dr. Schein earned the World Federation of the Deaf's International Solidarity Merit Award and is a Fellow of the American Psychological Association. □

Contents

- Panel underscores value of foreign students' presence
- Cammaert on women in senior administration
- Equity adviser speaks of subtle discrimination against women in graduate studies



Do We Need Foreign Students at the University of Alberta?

The answer was a resounding 'yes!' from all the panel members at the Passport to the World session at the International Centre on 24 January.

Introducing the topic, Peter Miller, Dean of Student Services, reported that Canada's record of attracting international students is poor compared with that of other countries. While acknowledging concerns that Canada's global political status is damaged as a result and that the country may suffer in competition for world markets, Dr. Miller proposed that the discussion examine the impact of the international dimension of student life on the University itself. "How important is it for a university to have within its student population a significant proportion of students from around the world?" he asked.

As a member of the University Senate, Arlene Meldrum brought the community's views. Most people not connected with the University know little about it, she suggested, and admitted she was "disappointed but not surprised" at

some negative comments she'd heard about foreign students ("too many . . . they displace Canadians . . . too many don't go back home").

She emphasized that people the world over must learn to cooperate to overcome problems such as overcrowding, pollution, and the search for peace, and that the basis for that can start at the University, where she's observed warmth, understanding and acceptance at international gatherings. She challenged the University to develop leaders to build international tolerance and understanding and she endorsed a strong role in the process for foreign students on campus.

David Tupper, Vice-President External, Students' Union, and a political science undergraduate, saw international students as an important asset for the University. As a student, he'd like to see more foreign undergraduates enrolled. "It's hard to get a real grasp of the situation outside our doors if we don't have international students. You learn so much more from

talking to somebody than from having a professor explain the situation in other countries," he suggested. And at the graduate level, foreign students contribute to knowledge and ideas on campus and help spread them abroad, he noted.

Tupper reported that the Students' Union recently introduced its first policy opposing differential fees. It has also contributed funds to the International Centre library and activities, and is showing more interest in foreign students' problems such as health care subsidies. "Canadian students are perceiving international education as more important."

Raj Pannu (Educational Foundations) suggested that international students enhance the ability of a university to break down parochial views of the world, produce new knowledge and disseminate it to students and the community and help the

community look outwards. He stressed their role in providing "a range of perceptions about the nature of human conditions and challenges," a unique contribution to the development of knowledge that is valid beyond the boundaries of our own society and sensitive international variations of experience.

Dr. Pannu is particularly concerned about declining enrolment in Canada from the world's 25 poorest countries. "Those are countries about which we know little . . . which we presume to help."

Wilf Allan, Director of International Student Affairs, added that there are fewer foreign students on campus from fewer countries this year than last. They make up only 3.5 percent of the undergraduate population, and the goal for relevant international experience and exposure is about 10 percent, he noted. □

Socio-Demographic Aspects of Minority Groups in Canada to be Considered at Conference

The Population Research Laboratory (PRL) and the Department of Sociology, together with the Edmonton Chapter of the Canadian Population Society, are co-sponsoring a one-day (10 February) conference on the socio-demographic aspects of minority groups in Canada.

The conference will consist of two sessions, one in the morning and the other in the afternoon.

Warren Kalbach, professor of sociology at the University of Toronto, a key contributor to the discipline's knowledge base, and the founder of the PRL, will be the guest of honor.

The conference opens at 9 a.m. (BW-2 Tory Building) with Yihua Yuan and Delali Badasu of our University speaking on "Immigration into Canada, 1960-1985: A Sensitivity Approach." Among the morning's other addresses is "Recent Immigration Trends to Alberta (Emphasis on Entrepreneurial Immigration)." Speakers are William Wong and Lawrence Bortoluzzi, Alberta Career Development and Employment.

University Professor Karol Krotki will share his expertise at two

sessions in the afternoon — "Multiethnicities and Multilanguages: New Analysis Tools and New Insights into the Canadian Society," and "Why Canadians Should Frown Upon Multiculturalism Without Trilingualism."

There is no registration fee; the conference is open to the public. □

Rising to Debate

A province-wide debate tournament, the Edmonton Open, will be held on 4 February from 9 a.m. to 4 p.m. in the Central Academic Building.

Teams will debate humorous, impromptu resolutions demonstrating two types of debate: cross-examination style and parliamentary style.

High school students from the Edmonton area, alumni debaters, and university-level debaters from throughout the province will participate.

The two top teams will meet the tournament final at 3:30 p.m. with the winner taking home the Edmonton Open Debating Cup. □

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Office of Public Affairs
423 Athabasca Hall
University of Alberta
Edmonton, Alberta T6G 2E8
(403) 492-2325.

MTS - TJMH
PROFS - ZZOPA
FAX - 492-2997

All enquiries and
correspondence should be
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Ron Thomas
Editor

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University
of
Alberta

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Consortium

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address accessible by BITNET.
COCH/COSH itself maintains an
on-line directory of humanities
scholars at member institutions.

COCH/COSH encourages and
supports the sharing of hardware
and public domain software among
its members. It is currently
distributing a "Micro Text Analysis
ram" developed at the
University of Toronto; "LitStats," a
program providing statistical
descriptions of natural language
developed by U of A professor
Stephen Reimer; and "Theatre," a
database of drama/performance
information developed by Elaine
Nardocchio of McMaster University
(who is also the Consortium's
current president). These programs
may be obtained through the
Consortium virtually for the cost of
the diskette. COCH/COSH also
encourages the sharing of
hardware resources among member
institutions: some of the special
facilities at the Centre for
Computing in the Humanities at
U of T, for example, such as an
IBYCUS machine and a Kurzweil
Scanner, are available for use by
faculty members from other
institutions at "internal" rates. □

Still Harder for Women to Get to the Top, Says Cammaert

The situation for women in
academia as far as senior
administrative positions are
concerned is "pretty dismal in lots
of ways," Lorna Cammaert,
Associate Vice-President
(Academic), University of Calgary,
told a recent dinner meeting of the
Academic Women's Association.

"But there are rewards to being
an academic administrator and a
female," Dr. Cammaert said.

The dismal side of the picture is
apparent from the statistics.

Between 1959 and 1984 the
percentage of female full-time
faculty in universities increased
only 6 percent—from 11 percent to
17 percent. In 1980, 5 percent of
full professors were female; by 1986
(the latest available statistics) that
figure had increased only
1 percent. In the western region,
41 full professors hold senior
administrative positions; only
1 percent of them is female.
However, the numbers of men and
women graduating with PhDs is
now about equal, Dr. Cammaert
pointed out, "so the pool becoming
available is very different."

When women move into senior

academic administrative positions
they encounter internal problems
(that arise out of women's
socialization) and external ones (the
result of moving into a male
system constructed by men for
men where places are not easily
made for women), said Dr.
Cammaert, whose background is in
psychology and counselling.

A woman in senior
administration experiences more
role conflict than a man.
"Interrelationships are extremely
important for a woman. She is an
academic administrator and a wife,
mother, daughter, granddaughter
and she has to find a balance that
works for her. Male colleagues do
not appreciate that."

All senior academic
administrators work extremely
hard, Dr. Cammaert stressed (she
has been Calgary's associate v.p.
academic since 1985). But most
women carry a double load. They
have work responsibilities and
home responsibilities, whereas
most men seem to have a single
load. The probability is that "the
man goes home to a dinner that is
ready for him . . . his washing is
done."

External problems include the
old boy network; the power
structure's view of women as
"deviant"—not fitting the
prescribed patterns; the pressure of
being extremely visible and coming
under increased scrutiny—often
without necessary support systems;
and the sometimes surprisingly
negative reactions of other women.

Outlining strategies women can
use to help themselves become
academic administrators, Dr.
Cammaert suggested that "getting
older, grayer and fatter" is
helpful—these qualities make it
easier for men who have difficulty
handling women in other than sex
roles.

"As an individual, develop
power behavior—use declarative
statements, smile less, choose your
seat at a meeting carefully," Dr.
Cammaert said. "Becoming a full
professor is essential. Be visible,
blow your own horn, identify the



Lorna Cammaert

significant committees and work
towards being on them. Take a few
risks—and learn to handle the
inappropriate responses with
humor."

Dr. Cammaert's advice to women
as a group focused on networking,
acting as mentors for each other,
nominating women for the right
committees and administrative
positions ("often it is better to be
nominated than to apply."), then
getting the word out by talking
about those candidates ("the
groundswell approach").

"Don't expect miracles when a
woman is an academic
administrator," she urged.
"Support her. She won't have as
much time to reach out to you as
you have to reach out to her, and
it's important to have your
support."

Among the rewards of being a
woman in academic administration
is having the opportunity to
influence the system and try to
change it.

"You can also have fun in a role
that has some power,"
Dr. Cammaert added. "You can
use the power in ways that have
long-term benefit." □

University of Alberta
Edmonton



THE RAYMOND U. LEMIEUX
LECTURES ON BIOTECHNOLOGY

Third Lecture

**"The Genes Behind
the Antibiotics"**

Dr. D.A. Hopwood, F.R.S.
Head Genetics Department
John Innes Institute
Norwich, England



Dr. Raymond U. Lemieux,
F.R.S. University Professor

To honour
Dr. Lemieux for
his contribution
to Alberta's
biotechnology
industry.

**3:00 p.m. Monday,
6 February 1989**

Bernard Snell Hall
Walter C. Mackenzie Health Sciences
Centre

Sponsored by the
Vice-President
(Research), ATRT,
and Chembiomed

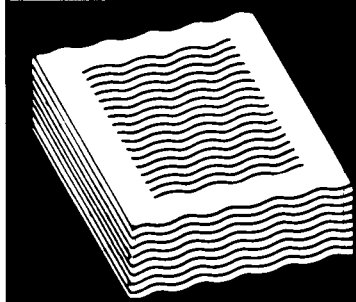
Dr. Hopwood has pioneered research in several
areas of bacterial genetics aimed at producing
antibiotics with unique molecular structures or
mechanisms of action. His research continues to
yield important new findings for application in
the field of antibiotic development.

New Dates for Broadus Lectures, Bears Hockey Game with NAIT

Among the events
cancelled/postponed by the storm
were the Edmund Kemper Broadus
Lecture series and the Golden
Bears vs. NAIT hockey game,
"Face-Off '89."

The Broadus Lectures have been
shifted to 7, 8 and 9 February (see
"Talks" section in this issue);
"Face-Off '89" has been
rescheduled for 16 February, 7
p.m., at Northlands Coliseum. □

Currents



COSS Committee Invites Submissions

The Council on Student Services Standing Committee on Reports and Reviews is currently reviewing "Services available for student appeals, grievances and disciplinary matters." Parties who wish to make submissions to this committee are urged to contact Dr. Al Olson at 492-5860, or write to him at the Department of Secondary Education (338 Education South) before 28 February.

Chair Selection Committees: Faculty of Agriculture and Forestry

The Faculty of Agriculture and Forestry wishes to announce that Chair Selection Committees are being established to select new Chairs for the Departments of Entomology, Forest Science and Soil Science. These committees are prepared to receive nominations and comments from members of the University community; they should be addressed to Dr. E.W. Tyrchniewicz, Dean of Agriculture and Forestry.

School of Native Studies Hosting Information Session

The School of Native Studies is hosting an information session for the new four-year BA in Native Studies program and the minor in Native Studies (for Arts Students).

This presentation and informal discussion will take place on 13 February, from 2 to 4 p.m., in TB-W2 (Tory Breezeway).

Richard Price, Director, School of Native Studies; Lynn Penrod, Associate Dean, Faculty of Arts; and others will be in attendance to provide relevant information regarding individual student questions.

Women Required for Foods and Nutrition Study

Women, 18 to 30 years of age, are wanted to participate in a Department of Foods and Nutrition study by Michael McBurney on the effects of menstrual cycle on colonic function and constipation. Subjects will be offered \$120 and meals for 10 days. The study will consist of two six-day periods (days 6-11 and 16-21 after the onset of menstruation). Must be non-smoker, in good health, and cannot be taking oral contraceptives. For more information, call Sharon at 438-3253 between 4 and 7 p.m., Monday through Friday.

Retirement Reception to Honor Cora Arends

The Department of Planning and Development will be holding a farewell wine and cheese reception for Cora Arends who will retire on 28 February, after 40 years of service to the University of Alberta.

The reception will take place from 3 to 5:15 p.m., Friday, 17 February, in the upper lounge at the Faculty Club. A cordial invitation is extended to all Cora's friends and colleagues to attend.

Anyone wishing to attend and/or contribute towards a farewell gift is asked to contact Doreen Peterson or Birgitta Reimann at 432-4966 for further particulars, before 10 February.

Communications Courses

The Extension Faculty is presenting courses/workshops dealing with interpersonal communications in areas such as assertion training, conflict management, public speaking, and overcoming shyness. For further information or a brochure, call 432-5069.

Graduate Studies' Traditional Career Path Difficult for Female Students to Negotiate

Doris Badir, Equity Adviser to the President, has recently completed a workforce analysis at the University of Alberta, looking at the number of women on staff, where they work and where the gaps are. She found that 16 percent of academic staff are women, 1 percent lower than the national average and up 1 percent from 1976, and that they are not evenly distributed in the system. Pharmacy, for example, has no female academics, yet 68 percent of its undergraduates are women. These results have led her to look at graduate studies and she has noted that the pool of eligible women in Canada in some fields where we have no women is very small.

"We live in a world in the university designed by men for men . . . a long time ago," reflected Professor Badir in a talk sponsored by the Graduate Students' Association on 23 January. "Nothing much has changed about the way we think about how we lead our lives."

She referred to a "magic curve" against which academics are judged, a career path no one is supposed to leap off. Doctorate before age 28, then assistant, associate and full professorship. It's a yardstick carried in our heads and we expect people to fit it, she explained. And it's much the same line for graduate studies—two years for an MA, four for a PhD. But women don't fit that scheme and encounter problems as a result, she noted. She wants to know, "What are the issues affecting graduate students that make it difficult for them to meet the 'magic curve' and maybe mean we should redraw that curve?"

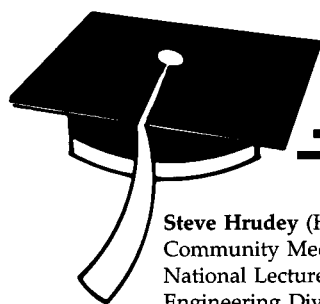
Professor Badir plans a sample survey of graduate students to find out what the inequities are and what can be done to get more women into fields like engineering, pharmacy and sciences, and she asked the audience for ideas.

Some people said lower expectations for women than for men in non-traditional fields lead to insecurity and lack of self-confidence. "If someone else doesn't take you seriously, it's hard to take yourself seriously," volunteered one woman. Absence of female role models and discrimination in field work in non-traditional fields were cited as problems as was the fact that affirmative action was sometimes perceived as "tokenism." One person expressed frustration at the

attitude which viewed traditional female-dominated fields as less academic and scholarly. Another pointed out that she'd received encouragement from male staff felt undercut by female staff who didn't support the idea of redressing the imbalance of women in academia.

Positive elements were noted. One woman reported that in Geology, there was no discrimination against women conducting field research. Another indicated that in Education, staff who offered courses on education of girls and women were willing to modify their programs for graduate students.

Professor Badir asked why so many women quit before their PhDs. The way candidates are judged for academic jobs, lack of support at home and guilt about not taking time off to have families were cited as reasons some women don't go further academically. Suggestions for change included shedding stereotypes for both men and women, and considering part-time academic positions, parental not just maternity leave, and flexible research assistantships. Professor Badir added she was looking at ways to deal with the issue of mobility, so women are not forced to choose between relationships and careers. "It's simply a matter of accommodating the needs of people . . . at a particular time," she concluded. □



Activities

Steve Hrudey (Health Services Administration and Community Medicine) has undertaken the first National Lecture Tour for the Environmental Engineering Division of the Canadian Society for Civil Engineering. (Edmonton, 9 March; Halifax, 13 March; Montreal, 15 March; Hamilton, 17 March; Vancouver, 21 March; Winnipeg, 22 March; Regina, 23 March.) The tour will address hazardous wastes management in Canada . . . **L.C. Green** (University Professor) presented a paper, "Terrorism and Armed Conflict: The Plea and the Verdict," to the University of Tel Aviv Conference on Terrorism as an International Crime. He also addressed the Legal Department of the Israel Foreign Ministry on "The Status of Palestine" . . . During the Members' Assembly in Budapest in December, **Carlos Torres** (Educational Foundations) was elected to serve (for a second term) on the executive board of the Research Committee on Political Education of the International Political Science Association.

Have a Ball on the Blades

Campus Recreation staff invite the public to skate up a storm at the Victoria Oval, 12 February.

The occasion is the seventh annual Old Time Skating Party under the distinguished patronage of the Hon. Helen Hunley.

Folio has it on good authority that Campus Recreation has "tried to recapture some of that old time skating fun" by coming up with "skatable music" and spicing the program with performances by a number of ice dance pairs and a precision skating team.

Lieutenant-Governor Hunley, a regular ice skater herself, will participate in the open skating and award a special prize for the best old time costume.

The (free) fun starts at 1 p.m. Bring your skates and dress warmly. □

Letters

Foundations of Our Ideas About Gender Equality Require Examining

■ We are indebted to Dr. Freeman [*Folio*, 26 January] for exposing a way of thinking, the absurdity of which is hidden in our expressions of the ideas.

I understand Dr. Freeman's letter correctly, his message is that the University, by supporting gender equity in the hiring and remuneration of women, is inducing mothers to neglect their responsibilities as breeders and nurturers. This, he says, is ruining children.

His argument is based on the idea that mothers belong in the home and fathers belong in the workplace. Mothers are the only ones able to raise stable and ethical children. For their part, fathers should bring in the money so that this quality nurturing can occur.

Once that base is established, it logically follows that sex-based job discrimination is proper because discrimination forces women to stay at home and, by limiting competition, makes better jobs available for fathers. Likewise, it is right to keep men from parenting as they are needed in the workplace and, since the womenfolk have the nest under control, gainful work is men's lifetime task.

It is obvious that I believe this argument to be absurd, and I believe that the absurdity can be exposed by certain questions being asked.

Beyond the fact that women must give birth, why should one's anatomy determine one's destiny? Where are the facts, or even the strong arguments, that support the idea that women are the only ones who can properly raise their children? Likewise, why should anyone believe, unless they want to, that fathers, non-fathers, and non-mothers provide inadequate nurturing? What is there about giving birth that turns a woman into an instant mother-of-the-year? What is there about not giving birth that precludes high quality nurturing? What is there about giving birth that disqualifies a woman from having other rewarding experiences (such as a professional life)? Similarly, why should anyone believe that it is only men who should have the right and the opportunity to turn their abilities and competencies into cash?

Do these questions still have to be asked? Strange as it may seem, apparently they do.

For the record, I am not insinuating that all the people who oppose the University's equity policy are neanderthals who express anachronistic nonsense. I am saying, however, that all of us should carefully consider the foundations of our ideas about gender equality, examine the logical extensions of these ideas, and investigate their very real consequences.

Jason Montgomery
Department of Family Studies

Nellie McClung (as Usual) Said it Best

■ Reading Gordon Freeman on the perils of employment equity brought to mind the celebrated exchange between Sir Rodmond Roblin, Premier of Manitoba, and Nellie McClung, leader of the suffrage forces. On 28 January 1914 a Winnipeg newspaper carried the following headlines and story:

Premier Roblin Says Home Will
be Ruined by Votes for Women

Children Will Be Left to the Servant Girls—
Retrograde Step, and Nothing to Commend It

Straight from the shoulder, Premier Sir Rodmond Roblin yesterday told a delegation of women that he is absolutely opposed to woman suffrage. Sir Rodmond's argument was quite unequivocal. Woman's place was the home, her duty the development of the child character and the

performance of wifely duties. To project her into the sphere of party politics would be to cause her to desert her true sphere, to the grave danger of society. Woman suffrage would be a retrograde step. . .

Mrs. McClung's riposte was delivered the following evening before a delighted audience at Winnipeg's Walker Theatre. Playing the role of the Premier in a Mock Parliament, where women were the legislators, she received a delegation of men petitioning for the right to vote with these words:

"If all men were as intelligent and as good as Mr. Skinner and his worthy though misguided followers, we might consider this matter, but they are not. Seven-eighths of the police court offenders are men, and only one-third of the church membership. You ask me to enfranchise all these. . .

O no, man is made for something higher and better than voting. Men were made to support families. What is home without a bank account. The man who pays the grocer rules the world. In this agricultural province man's place is the farm. Shall I call man away from the useful plow and harrow to talk loud on street corners about things which do not concern him! Politics unsettle men, and unsettled men mean unsettled bills—broken furniture and broken vows—and divorce. When you ask for the vote you are asking me to break up peaceful, happy homes—to wreck innocent lives. . . ."

I propose that we acclaim Professor Freeman honorary president of the Rodmond Roblin Society and encourage all those who share his sentiments to join. My own guess is that Professor Freeman is in fact a society of one, and should be so informed by his professorial colleagues. That would leave the rest of us free to put our best efforts towards achieving a resolution to the equity question that we can all accept as reasonable and fair.

Susan Jackel
Canadian Studies

University Management Course, Banff

The deadline for APOs to submit applications/nominations for the 1989 University Management Course in Banff is Friday, 3 February. Submissions should be addressed to: The Advisory Committee on Professional Development, c/o Committee Secretary, 3-13 University Hall. □

Smokers' Cessation Assistance Program - Awareness Workshop

The Smokers' Cessation Assistance Program has been in existence for four months. If you would like to find out how it works, what it can do for you, and why smoking affects your health, come to the SCAP Awareness Workshop in the MAP Room of Lister Hall on Monday, 20 February, between 9 a.m. and noon.

For more details, watch next week's *Folio* or contact Eva Cherniavsky, 492-4588. □

Training/Professional Development Workshop 'Getting Things Done'

The deadline for registration to the above workshop, to be held on 8 March at Lister Hall, is 15 February. For registration forms and information, contact Gail Bamber, 492-2796 or 492-4588. □

Laughing in Con Hall's Aisles

An upcoming production should be just the thing for people who enjoy light music and comic relief.

Bachelor of Music students will present "Die Fledermaus" by Johann Strauss, 8 and 10 February at Convocation Hall.

To be sung in English, this opera includes some of Strauss' best-known waltzes. The story turns on an elaborate practical joke, and caricatured roles such as the flighty soprano chambermaid and

the lawyer named Dr. Blind make for plenty of clowning around.

Elsie Hepburn is artistic director, William Shookhoff is conductor, and Garth Hobden is technical director. The production is possible in part because of funding from Two Three TV.

Tickets are \$5 (regular) and \$3 (students). They are on sale through the Department of Music, or can be purchased at the door. □

Proliferation of Art Too Daunting? Concentrate on What's Going on in the Neighborhood, U of T's Sparshott Advises

Francis Sparshott, University Professor at the University of Toronto, opened the Faculty of Arts Lecture Series on 24 January.

Dean Patricia Clements (Arts) introduced the "Beyond Boundaries" series, saying that it signals the Faculty's openness to change and to the benefits of interdisciplinary research. She also

announced that Vice-President (Academic) Peter Meekison has funded a permanent lecture series devoted to the same theme.

Professor Sparshott spoke on "Art and Culture Today." He looked at the variety of meanings we have for "art" and "culture," and set forth an assortment of possible conclusions about the relationship between a culture's art and its predominant values.

No one conclusion is necessarily right, in Professor Sparshott's view, and he cautioned against making claims that

compartmentalize art or separate it from the major concerns of life. He said, "All sorts of art are related to all sorts of concerns in all sorts of ways, and the more ways you can think of, the more truth you will have."

Professor Sparshott also discussed some effects of recent technologies on our responses to art. Reproductions and recordings have made art from all times and all places easily accessible, but that very availability has made art remote, cut off from everyday understanding.

Symphony should pay heed to compositions by local composers,

We forget that Beethoven wrote for Vienna in 1800, not for Edmonton in 1989. Therefore, at the symphony, we seldom hear recent compositions by local composers, which Professor Sparshott believes should be staple fare on such occasions. "In losing the habit of hearing our music, we have lost a principle means of recognizing ourselves," he said.

At the same time, we experience an unrealistic rise in our expectations. Every composer today must compete with Beethoven, which Professor Sparshott said has the same effect as if the world's greatest athletes could compete in every athletic event the world over—local competitors cannot hope to win.

With art everywhere present but foreign in our lives, Professor Sparshott suggested that the best way to cope is to "take an interest in what is going on in the neighborhood." As we have the wisdom to do with sports heroes and local teams, he said, "Find, you can, one artist whose work speaks to you. Follow that artist's

Continued on page seven

Successful Final PhD Oral Examinations

Name	Department	Final Thesis Title	Supervisor
Dragana Damjanovic	Surgery	"Assay of Human Plasma Catecholamines"	J.C. Russell
Reed Maxwell Ellis	Civil Engineering	"Behavior and Design of Reinforced Concrete Ice-Resisting Walls"	J.G. MacGregor
Candace Evelyn Fertile	English	"Love and Narrative in the Novels of Lawrence Durrell"	G.D. Kelly
Mengesha Gessesse	Educational Administration	"Interorganizational Linkages and Performance Effectiveness in a Cooperative Manpower Training Program"	D.M. Richards
Elaine Margaret Kryzanowski	Educational Psychology	"Attitudes Towards Adolescent Pregnancy and Parenthood"	L.L. Stewin
Paul Christopher Marino	Zoology	"Coexistence in Patchy Environments: the Local, Regional and Continental Coexistence of Mosses in the Family Splachnaceae"	J.F. Addicott
James Dwumah Quarshie	Educational Administration	"A Comparative Analysis of the Operation of Community Schools in Inner City, Rural, and Suburban Settings in Alberta"	J.J. Bergen
Salwa Shafik-Ghaly	Comparative Literature	"Towards a Medieval Narratology: Discourse and Narration in Chretien's <i>Yvain</i> and Chaucer's <i>Troilus</i> "	E.D. Blodgett
Man-Kang Song	Animal Science	"Rumen Fermentation, Bacterial Growth and Ruminant Degradation of Feedstuffs as Influenced by Ruminant Ammonia Concentration"	J.J. Kennelly
Hing-Fung Annie Tsui	Educational Psychology	"Memory and Metamemory of Deaf Students"	M. Rodda
Bryan Gary Wiebe	Philosophy	"Unavoidable Blameworthiness: Moral Dilemmas and Obligations to do the Impossible"	J.C. MacKenzie
Dwight Harry Zakus	Physical Education and Sport Studies	"A Preliminary Examination of the Dialectical Change in 'Modern' Sport and the Intervention of the Canadian State in Sport Between 1968 and 1988"	R.G. Glassford

Murray Schafer to Lecture on 'Music and Media'

R. Murray Schafer is visiting campus to expound on "Music and Media" so let's borrow the opening line of "New York New York," and say "Start spreading the news."

A prolific composer who creates out of acoustics, Schafer will be on 13 February thanks in large part to the Glenn Gould Foundation and its chairman, John Roberts, Dean of Fine Arts at the University of Calgary.

"He's [Schafer] one of the great men of Canadian culture," Alfred Fisher, Chair of the Department of Music states emphatically. Dr. Fisher further describes his fellow composer as "a most unusual talent, one whose gifts are broad and liberal. He's an involved composer who goes far beyond 'What note goes here?'"

As a student at the University of Toronto (his early interest was in visual arts), Schafer was influenced by Marshall McLuhan and made a commitment to the avant garde in the early 1960s. Multimedia works, art that crosses boundaries, exotic languages and literatures, music education and new kinds of sensory awareness have long fascinated Schafer; the concept of 'soundscape' unifies most of his musical and dramatical work.

Schafer is active on the "lecture circuit" and, according to Dr. Fisher, he "speaks from the depth of his involvement . . . his musical interests have always emanated from a broad selection of concerns and skills and talents."

Schafer will speak at 2 p.m. in 129 Fine Arts Building. □

Sparshott

Continued from page six

work as it progresses; get to know it in detail; saturate yourself in its style.

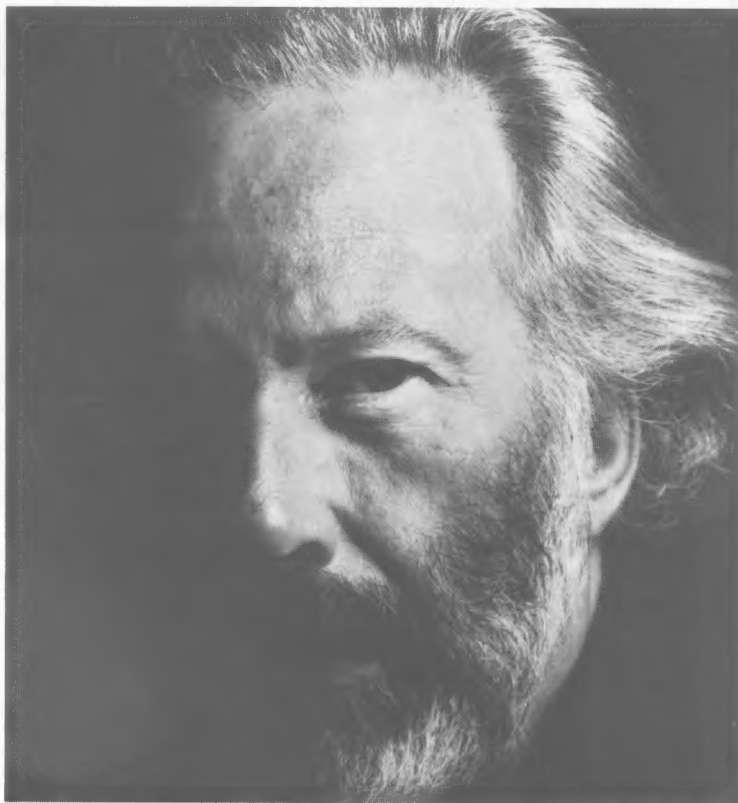
"If you know one artist's work that way, you'll know art itself," he said, "and in an important way you'll know more about art than if you trudged through every museum in the world." □

A Reminder

An information session on the Office of the President will be held on Friday, 10 February,

10 a.m. to noon in the Council Chamber, University Hall.

All staff are welcome. □



The Canadian Encyclopedia of Music refers to Murray Schafer as "the father of acoustical ecology." He's also an educator, literary scholar, visual artist, and provocateur.



University of Alberta The Senate

Nominations for Public Members

We invite nominations from members of the public and/or associations to fill several vacancies on the University Senate.

Volunteer members serve on Task Forces and committees dealing with educational issues. Senate, which is a bridge between the University and the community, meets formally four times a year, for a full day session.

There are no formal qualification requirements but consideration will be given to community service of nominees from central and northern Alberta. Members serve for a three-year term beginning July 1, and applications are invited from people of all walks of life.

The deadline for receipt of nominations in the Senate office is March 1, 1989.

Nomination forms requiring the signature of the nominee and two nominators are available from:

The Senate
University of Alberta
150 Athabasca Hall
Edmonton, Alberta T6G 2E8 Tel: 492-2268

"It is the duty of a senate to inquire into any matter that might tend to enhance the usefulness of the university."

The Universities Act 1976

Folio

Display Advertising

Folio is the official news publication of the University of Alberta, published every Thursday throughout the year (except for July and August when it appears bi-weekly). It has a regular distribution of 9,000 of which 7,800 copies are circulated to teaching and support staff, to graduate students and to other interested people on campus. The remaining copies are sent to provincial and municipal government personnel, news outlets, and businesses and people off-campus.

Sizes and rates

The basic unit size is 27 agate lines x 23 picas (3 7/8" x 2"). The full page is divided into 10 such units, any combination of which is available at a cost of \$35 per unit (minimum 1 unit). Half page cost: \$175. One column cost \$87.50. There is a 15% discount for University departments. A 10% discount is offered for five or more consecutive insertions.

Other specifications

Half-tones (100-line screen or less) are acceptable; no color or bleeds. Camera-ready copy is necessary; there is a charge of 30c per word for typesetting, and \$7.50 for adjustment of design work.

Deadlines

Deadline for submission is 3 p.m. one week in advance of desired publication date. Acceptance of advertisements and positioning are at the discretion of the Editor. For more information, telephone (403) 432-2325 and ask about *Folio* display advertising, or write to:
Folio Display Advertising
Office of Public Affairs
423 Athabasca Hall
University of Alberta
Edmonton, Alberta T6G 2E8

Profile: Tom Villett, Technical Supervisor, Mechanical Engineering

Beside his desk, Tom Villett has a theodolite, dating from about 1890. The surveying device, used to measure horizontal and vertical angles, gleams atop its graceful wooden tripod. Villett likes to collect antiques. At home, he's got an array of old kerosene lamps and sewing machines—useful, mechanical, functioning pieces. At work, as the department's curator for antique engineering devices, he often rescues "funky-old, neat" equipment like this piece from the scrap heap, restoring it to its original condition. He saves these pieces because of the history attached to them and believes the collection is part of a good education in the field of engineering.

"Students today are unaware of these old mechanical devices that did the job as well as the digital things with bells and whistles," comments Villett, adding that the collection is an important way for them to see that not everything needs to be done with computers and microchips.

While saving antiques is a keen interest, Villett's first responsibility is to supervise and coordinate the workload of the six technicians in his department. He gets involved on the conceptual design level.

Born in Calgary, Villett's lived in Edmonton since age five. After high school, he was hired by the University, first as a lab assistant, in Physiology (1965-70) and in Dentistry (1970-75), and then as a technician in Mechanical Engineering.

Coincidentally, much of the work he now supervises is connected with Physiology (for example, testing of artificial heart valves) and Dentistry. To help dentists evaluate the muscle loads and pressures on the temporomandibular joint, for example, Villett's crew has built a sophisticated model. "We used a real skull and attached load cells to all the places muscles attach to . . . so we can pull in the same direction and force as the muscles would . . . and we have a sensor in the joint that measures the pressure."

Villett enjoys the constant challenge of his job (new problems to solve, new research, new students in the department). "There's nothing routine or mundane about it," he comments. He encourages staff to try out their ideas and tries to maintain a sense of fun in the department, so the group can have a good time and get the job done.

Many other departments call on



Tom Villett is an important cog in Mechanical Engineering's scheme of things.

them for an incredible variety of projects as well, reports Villett. "Fifteen years ago, most people thought Mechanical Engineering was where you tested a bunch of greasy old gears," he suggests. But that's changed. Mind you, he adds, "We do have a gear testing lab."

Their work also comes from individuals and companies in the private sector and may be

introduced to fourth-year design students as practical problems to solve, Villett says. Last year, the students won the western engineering design competition and placed third in the nationals with a roto-molder they created for a concrete finisher who wanted a plastic roller he could use on uncured concrete to simulate patio paving bricks.

Married, with two young sons, Villett likes "anything outdoors," canoeing, skiing, hunting and camping. He's also skilled in scientific photography.

And clearly, both on and off the job, he's fascinated by machines, mechanical things with moving parts. "When I see a piece of equipment, I want to learn how it works." □

Talks

Rural Economy

2 February, 3:15 p.m. Don Lauweryssen, "Export Market Development in International Wheat Trade: Perceptions of U.K. Importers and Millers." 519 General Services Building.
6 February, 3:15 p.m. Peter Apedaile, "Insights from Systems Analysis for Family Farming." 519 General Services Building.
9 February, 3:15 p.m. Peter Chen, "The Market Demand for Meats in Canada: An Applied Demand System Analysis." 519 General Services Building.

CITL

2 February, 3:30 p.m. Sandy Rennie, "The Pain of It All." TB-W2 Tory Breezeway.
6 February, 3 p.m. Gordon Freeman and Keith Ward, "Ethics: Interweaving Discussions of Ethics Into Other Subjects." TB-W2 Tory Breezeway.
7 February, 3 p.m. Michael G. Donoff, "Simulation: A Method of Teaching and Student Evaluation." TB-W2 Tory Breezeway.
8 February, noon. Dave J. Sande, "What Research Says About Effective Teaching." 2-33 Humanities Centre.
9 February, 2 p.m. Jack Phelan, Grant MacEwan College, "Small Groups in the Classroom: An Excellent Teaching Strategy." 2-33 Humanities Centre.

Anthropology and Oral Biology

2 February, 3:30 p.m. Richard Scott, University of Alaska and AHFMR guest speaker, "Dental Anthropology of the Greenland Norse." 14-6 Tory Building.
3 February, noon. Dr. Scott, "An Introduction to Dental Genetics." 4069 Dentistry/Pharmacy Centre.
4 February, 10:30 a.m. Dr. Scott, "Dental Anthropology of the Northwest Indian Dental Tradition." 1-28 Tory Building.

Edmund Kemper Broadus Lectures

M.V. Dimić, University Professor, will deliver a series of three lectures under the general title, "Aspects of the Romantic Paradigm." All lectures in L-1 Humanities Centre.
7 February, 4 p.m. "New Canon and System of Genres."
8 February, 4 p.m. "The Discovery and Invention of Folk Literature."
9 February, 4 p.m. "Romantic Irony."

Entomology

2 February, 4 p.m. Tim Spanton, "Some Snags in Snouter Systematics." TBW-1 Tory Breezeway.
9 February, 4 p.m. Greg Pohl, "Taxonomic Status of *Patrobis* Species (Coleoptera: Carabidae)." TBW-1 Tory Breezeway.

Medicine

3 February, noon. A. Greenshaw, "Characterizing Neuroactive Substances: The Case of Tryptamine in the CNS." Surgical-Medical Research Institute, Conference Room.
4 February, 12:30 p.m. Rene Michel, "Experimental Models in Pulmonary Vascular Resistance: Physiology and Pathology." 2F1.04 WMC, Classroom D.

English

3 February, noon. Paul G. Stanwood, University of British Columbia, "Milton's *Lycidas*: An Earlier Seventeenth-Century Opera." 5-20 Humanities Centre.
13 February, 4 p.m. A panel discussion in the series "English Studies: Pedagogies, Publishing, Politics." Topic: "Interdisciplinary Studies." Chair: Janice Williamson. Panel: Bridget Elliott, Lynda Lange, Ian MacLaren. 5-20 Humanities Centre.
14 February, 4 p.m. G. Burger, "Repositioning the Self: Alterity and Closure in Chaucer's *The Book of the Duchess*." 5-20 Humanities Centre.

Plant Science

3 February, 12:30 p.m. K. Benschop, "Root loci (rol) Genes of *Agrobacterium Rhizogenes*." 1-06 Agriculture/Forestry Centre.
10 February, 12:30 p.m., G. Dunn, "Specific Ion Effects on Plant Growth in Salt Affected Soils." 1-06 Agriculture/Forestry Centre.

Interest Group in Perception

3 February, 2 p.m. Michael Dawson, "Solving the Motion Correspondence Problem with the 'Brainstate-in-a-Box' Algorithm." P-319N Biological Sciences Centre.

East Asian Languages and Literatures

3 February, 3 p.m. Margaret Sung, Indiana University, "Chinese Language, Culture, and Social Behaviors." 1-05 Business Building.

Animal Science

3 February, 3 p.m. Darren MacLeod, "The Importance of Chewing to Ruminant Animals." 1-13 Agriculture/Forestry Centre.
10 February, 3 p.m. Brian Cameron, "The History of Infertility in the Dairy Industry." 1-13 Agriculture Forestry Centre.

Zoology

3 February, 3:30 p.m. Paul Johnston, Tyrrell Museum, "Functional Morphology and Evolution of Paleozoic Pteriomorphian Bivalves." M-149 Biological Sciences Centre.
6 February, 4 p.m. George Mackie, University of Victoria, "Giant Axons in Fact and Fantasy (Why Squid Aren't Jellyfish)." B-105 Biological Sciences Centre.
10 February, 3:30 p.m. John Allen, University of Saskatchewan, "Host - Parasite Interactions, From Mosquitoes to Ticks." M-149 Biological Sciences Centre.

Club IDC

3 February, 3:30 p.m. Matthew Zachariah, University of Calgary, "People's Revolution in Democracy. The Case of Karala Sastra Sahitye Parishad (Science Education Society)." 4-110 Education North.

Chemistry

6 February, 11 a.m. Bruce Branchaud, Department of Chemistry, University of Oregon, "Synthetic and Mechanistic Studies of New Organocobalt-Mediated Radical Cross Coupling Reactions." V107 Chemistry Building.

Boreal Institute for Northern Studies and Zoology

6 February, noon. Becky Sjare, "Walrus Vocalization and Behaviour." B-105 Biological Sciences Building.
13 February, noon. Doug Heard, Department of Renewable Resources, Government of the NWT, "South Hampton Island Caribou: Management of an Irrupting Population." B-105 Biological Sciences.

Clinical Seminar Series

6 February, noon. Kathryn Bayles, University of Arizona, "Differentiating Dementia and Aphasia." Glenrose Hospital Auditorium. Sponsored by Rehabilitation Medicine and Glenrose Rehabilitation Hospital.
7 February, 10 a.m. Kathryn Bayles, "A Longitudinal Study of Communication and Cognition in Alzheimer's Patients: Methodological Issues and Preliminary Results." CW-410 Biological Sciences Centre. Sponsored by Rehabilitation Medicine, the Centre for Gerontology and AHFMR.

Physics

6 February, 2 p.m. C.E. Waltham, University of British Columbia, "Particle Physics: The Anomaly Game." V-121 Physics Building.
8 February, 3:30 p.m. P. Piercy, University of Ottawa, "Determination of Disordered Surface Structures by Low Energy Electron Scattering." P631 Physics Building.
10 February, 2 p.m. Dr. Piercy, "Critical Phenomena at a Solid Surface." V-121 Physics Building.
13 February, 2 p.m. I.M. Khalatnikov, director, L.D. Landau Institute, Moscow, "Recollections of Lev Landau." V-121 Physics Building.
14 February, 2 p.m. Professor Khalatnikov, "Canonical Methods in Classical Hydrodynamics and Hydrodynamics of Quantum Liquids, and Related Nonlinear Phenomena." P631 Physics Building.

Slavic and East European Studies

6 February, 3 p.m. Gerard Magennis, "The Muse Carried a Browning - P.K. Yavorov and his Poetry." 436 Arts Building.
13 February 3 p.m. Alexander J. Matejko, "The Chances of a Civil Society in Eastern Europe." 436 Arts Building.

Literary Theory

6 February, 4 p.m. Jo-Ann Wallace, "Laura Riding and the Politics of Decanonization." 5-20 Humanities Centre.

Social Sciences Seminar Series

7 February, 12:30 p.m. Gurston Dacks, "The Quest for a Northern Oil and Gas Accord." 14-6 Tory Building.
16 February, 12:30 p.m. Ken East, "The Future of Bison in Wood Buffalo National Park." 14-6 Tory Building.

Genetics and Microbiology

7 February, 4 p.m. W. Paranchych, "NMePhe Pili of *Pseudomonas aeruginosa*." BSM149 Biological Sciences Centre.

Anatomy and Cell Biology

8 February, noon. Mike Carpenter, "Protein Sequencing." 6-28 Medical Sciences Building.
16 February, 4 p.m. J.J.B. Smith, University of Toronto, "Thought for Food: How a Minute Wasp (*Trichogramma*) Estimates the Volume of its Host Egg." TBW-1 Tory Breezeway.

Soil Science

8 February, 12:30 p.m. J.L. Richardson, Department of Soil Science, North Dakota State University, Fargo, "Groundwater Flow and Soil Salinity." 2-36 Earth Sciences Building.
9 February, 12:30 p.m. A.C.J. Sickinga, "Tractor-Induced Densification in Cultivated Agricultural Soils." 2-36 Earth Sciences Building.

Geography

8 February, 3 p.m. John Hodgson, "Some Efficiency and Equity Effects of Boundaries in Location-Allocation Problems." 3-36 Tory Building.

Statistics and Applied Probability

8 February, 3 p.m. W. Willinger, Bellcore, New Jersey, "Martingale Problems Arising in Modern Financial Markets." 657 Central Academic Building.

Chemical Engineering

9 February, 3 p.m. Don Quon, "Implications of Continental Energy Markets." E342 Chemical/Mineral Engineering Building.

Women's Studies Program

9 February, 3:30 p.m. Dorothy Smith, Department of Sociology in Education, Ontario Institute for Studies in Education, "Everyday World as Problematic: A Feminist Sociology." L-2 Humanities Centre.
10 February, 3 p.m. Professor Smith, "Taking the Blame: What Mothers do for Schools." L-3 Humanities Centre.

History and Canadian Mediterranean Institute

9 February, 7:30 p.m. Brian Alsopp, local architect, "Classical Motifs, Modern Architecture: The Example of Edmonton." Provincial Museum.

Strathcona Archaeological Society

9 February, 8 p.m. Pamela Willoughby, "The Archaeology of Human Origins in East Africa." Provincial Museum Auditorium.

Canadian Institute of Ukrainian Studies

10 February, 7:30 p.m. Frances Swyripa, "The Immigrant Pioneer Woman as a Reflection of Ukrainian-Canadian Identity." Heritage Lounge, Athabasca Hall.

Faculty of Arts Teaching Committee

13 February, noon. Eugene Lechelt, "Basic Instruction of Large Classes: Big Need Not Be Bad." TB-W5 Tory Breezeway.

Nursing and Medicine

13 February, noon. Hope C. Solomons, professor emeritus, College of Nursing, University of Iowa, "Accidents and Injuries in Daycare." 6-101 Clinical Sciences Building. (Funded by AHFMR.)
13 February, 4 p.m. Gerald D. Solomons, professor emeritus of pediatrics, University of Iowa, "A Four State Approach to the Problem of Child Abuse in the United States." 2F1.04 Mackenzie Health Sciences Centre, Classroom D. (Funded by AHFMR.)

Sociology

15 February, 12:05 p.m. Lou Pagliaro, "Drug Abuse Among Professionals." 5-15 Tory Building.

Canadian Studies

16 February, 3:30 p.m. Ken East, superintendent, Wood Buffalo National Park, will discuss the co-management of parks. L-4 Humanities Centre.

Economics

17 February, 3 p.m. Gordon Fisher, Queen's University, "An Empirical Test of the Effect of Corporate Taxation on the Debt Policies of Canadian Firms." 8-22 Tory Building.

The Arts

Studio Theatre

2 to 11 February (excluding 5 February), 8 p.m. "The Cherry Orchard." Tickets: \$5 and \$6. 432-2495.

Films

Germanic Languages

8 February, 7:30 p.m. "Grete Minde." (1976), German. 141 Arts Building.

Exhibitions

FAB Gallery

Until 12 February. "Print and Video Works: Izabella Gustowska and Krystyna Piotrowska."

Bruce Peel Special Collections

Until 25 March. "Three Centuries of John Bunyan: The Progress of a Pilgrim." B-7 Rutherford South.

Sports

Volleyball

3 and 4 February, 6:30 p.m. Pandas vs. University of Victoria.
3 and 4 February, 8 p.m. Golden Bears vs. University of Victoria. Main Gym.

Hockey

3 and 4 February, 7 p.m. Golden Bears vs. University of Saskatchewan. Varsity Arena.

Basketball

10 and 11 February, 6:30 p.m. Pandas vs. University of Saskatchewan.
10 and 11 February, 8:15 p.m. Golden

Bears vs. University of Saskatchewan. Main Gym.

Intramural Programs

Open to academic and non-academic staff as well as to students. 432-5705.

Women's Program

3, 4 and 5 February. Curling Bonspiel. Balmoral Curling Club.

Men's Program

8 February, 7:30 p.m. Men's Track and Field Meet. Pavilion.

Positions

The University of Alberta is committed to the principle of equity in employment.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Academic

Administrative Professional Officer, Faculty of Nursing

The Faculty of Nursing invites applications for the position of Administrative Professional Officer.

Reporting directly to the Dean, the Administrative Professional Officer is accountable for the efficient business management of the Faculty, including budget, personnel management, timetabling and student registration, and acts as resource person on administrative matters.

Salary will be commensurate with qualifications and experience. The current salary range is \$28,262 to \$42,398 per annum.

The anticipated date of appointment is 1 March 1989.

Applications, including curriculum vitae and the names of three referees, should be forwarded to: Dr. M. Wood, Dean, Faculty of Nursing, 3-119 Clinical Sciences Building, University of Alberta, Edmonton, Alberta T6G 2G3.

Instructor (Spring Session), Department of Elementary Education

The Department of Elementary Education, Faculty of Education, is seeking an instructor for Spring Session 1989 (5-16 June) to teach a three-credit course ED C1 544: Fostering Play and Outdoor Environments.

- Qualifications should include:
1. A PhD and work experiences in the area of early childhood education and teacher education.
 2. Involvement in research in the areas of play, playgrounds, war toys, TV and violence in play and toy preferences.
 3. Publication (books and research articles) in these areas and production of films and slide/tape presentations about play and playgrounds.
 4. Involvement in playground standards and the legal implications in terms of injuries to children.

Salary at the professor level is \$2,787. The closing date for applications is 31 March 1989.

Applications accompanied by curriculum vitae and relevant scholarly papers to: Dr. Warren Wilde, Chairman, Department of Elementary Education,

University of Alberta, Edmonton, Alberta T6G 2G5.

Instructor (Summer Session), Department of Elementary Education

The Department of Elementary Education, Faculty of Education, is seeking an instructor for Summer Session 1989 (4-14 July) to teach a three-credit course ED C1 433: Orff Schulwerk-Level III.

- Qualifications should include:
1. Extensive understanding of the psychological, philosophical and pedagogical significance of the ideas of Carl Orff.
 2. Experience in active and creative music teaching based on the principles of Carl Orff.
 3. Compositions using the Orff instruments.
 4. Experience teaching elementary school age children using the methods of Carl Orff.

Responsibilities for instruction include both lectures and laboratories.

Salary at the professor level is \$2,787. Closing date for applications is 31 March 1989.

Applications accompanied by curriculum vitae and relevant scholarly papers to: Dr. Warren Wilde, Chairman, Department of Elementary Education, University of Alberta, Edmonton, Alberta T6G 2G5.

Instructor (Summer Session), Department of Elementary Education

The Department of Elementary Education, Faculty of Education, is seeking an instructor for Summer Session 1989 (17-21 July) to teach a one credit course, ED C1 533: Exploring Supporting Intelligent Learning of Mathematics: Grades 4-6.

- Qualifications should include:
1. A deep and detailed understanding of the theory of reflective intelligence as articulated by R. Skemp.
 2. Ability to help teachers construct mathematical learning materials designed in accordance with this theory at each of the grade levels 4 through 6.
 3. Demonstration of the use of such materials in paradigmatic ways.
 4. Development of evaluative schemas which teachers can use to assess and improve their pedagogy.
 5. Articulation of a personal perspective which integrates the theory of reflective intelligence with the everyday learning of mathematics.

Salary at the professor level is one-third of \$2,787.

Closing date for accepting applications is 31 March 1989.

Applications accompanied by curriculum vitae and relevant scholarly papers to: Dr. Warren Wilde, Chairman, Department of Elementary Education, University of Alberta, Edmonton, Alberta T6G 2G5.

Professor/Associate Professor (Spring Session), Department of Secondary Education

The Department of Secondary Education, Faculty of Education, is inviting applications for the position of Professor or Associate Professor for Spring Session 1989 (1-19 May).

Successful teaching experience required in advanced level graduate curriculum studies oriented towards research methodologies of classroom discourse analysis. Experience with design, use and analysis of data from classroom observation schedules and instruments essential.

Duties: Provide instruction in advance level graduate seminar, ED C1 598 Secondary Education: Classroom Language Discourse.

Salary: Special Session stipend at professor (\$2,787) or associate professor (\$2,687) level.

Closing date for applications is 15 March 1989.

Applications accompanied by curriculum vitae to: Dr. K.G. Jacknicke, Chairman, Department of Secondary Education, University of Alberta, Edmonton, Alberta, T6G 2G5

Professor/Associate Professor (Summer Session), Department of Secondary Education

The Department of Secondary Education, Faculty of Education, is inviting applications for the position of Professor or Associate Professor with doctoral degree for Summer Session 1989 (4-28 July).

Successful teaching experience required in advanced level graduate curriculum studies oriented towards the role of public schooling in democratic societies, democratic theory and practice and civil education.

Duties: Provide instruction in advance level graduate seminar ED C1696 Secondary Education: Schooling in a Democracy: Curriculum for Reproduction or Transformation.

Salary: Special Session stipend at professor (\$5,574) or associate professor (\$5,374) level.

Closing date for applications is 15 March 1989.

Applications accompanied by curriculum vitae to: Dr. K.G. Jacknicke, Chairman, Department of Secondary Education, University of Alberta, Edmonton, Alberta T6G 2G5.

Support Staff

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Ass. Hall, telephone 432-5201. Due to public lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 27 January. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Clerk Steno II (Part-time, Trust), Pathology, (\$638-\$792) (prorated)
Clerk Steno II, (Part-time), Entomology, (\$1,021-\$1,267) (prorated)
Clerk Typist II (Trust), Anatomy and Cell Biology, (\$1,276-\$1,584)
Clerk Steno III (Part-time, Trust), Medicine, (\$355-\$446) (prorated)
Clerk Steno III (Part-time, Trust), Medicine, (\$711-\$893) (prorated)
Clerk Steno III (Trust), Lipid and Lipoprotein Research Group, (\$1,421-\$1,785)
Clerk Steno III, Occupational Therapy, (\$1,421-\$1,785)
Clerk Steno III, Dean of Science, (\$1,421-\$1,785)
Clerk Steno III, Zoology, (\$1,421-\$1,785)
Clerk Typist III, Health Sciences Laboratory Animal Services, (\$1,421-\$1,785)
Clerk Typist III, Office of the Vice-President (Academic), (\$1,421-\$1,785)
Library Clerk III, Faculté Saint-Jean, (\$1,421-\$1,785)
Secretary (Part-time, Trust), Faculty of Medicine, (\$792-\$1,012) (prorated)
Secretary, (Part-time), Family Practice (Royal Alexandra Hospital), (\$792-\$1,012), (prorated)
Secretary (Trust), Medicine (Multiple Sclerosis Clinic), (\$1,584-\$2,023)

Secretary, University Secretariat (\$1,584-\$2,023)
 Office Services Senior Clerk (Term to 16 July 1989), Special Sessions, (\$1,785-\$2,297)
 Departmental/Executive Secretary (Trust), Plant Science, (Alberta Research Council), (\$1,785-\$2,297)
 Departmental/Executive Secretary, University Secretariat, (\$1,785-\$2,297)
 Animal Assistant II, (Part-time/Hourly), Health Sciences Laboratory Animal Services, (\$9.37/hour)
 Technician I (Trust), Psychiatry, (\$1,643-\$2,109)
 Engineering Technologist II, Physical Plant, (\$1,939-\$2,504)
 Administrative Assistant I, Personnel Services and Staff Relations, (\$2,023-\$2,611)
 Typographical Tradesman III, Printing Services, (\$2,109-\$2,730)
 Technologist II, (Split-funded), Home Economics (Clothing and Textiles), (\$2,200-\$2,851)
 Chemical Technologist II, Animal Science, (\$2,200-\$2,851)
 Electronics Technician III, Physical Plant, (\$2,200-\$2,851)
 Technician IV, Physics, (\$2,397-\$3,113)
 Programmer Analyst II, Computer Engineering, (\$2,397-\$3,113)

For vacant Library positions, telephone 432-3790.

Library Assistant II, Library (Cataloguing), (\$1,643-\$2,109)

Advertisements

Accommodations available

Victoria properties - Experienced, knowledgeable realtor with Edmonton references will answer all queries, and send information. No cost or obligation. Call collect (604) 592-3666, Lois Dutton, Wessex Realty, Victoria, B.C.

Rent - 10324 124 St. Large, two-bedroom apartments. Quiet, immaculate, \$350 + \$375. Soft water, free dryer. Next to the Woltjen Gallery. Phone 488-0880 or 466-7571.

Rent - Two-bedroom apartment for 15 February 1989. Belgravia. Quiet block, non-smoker please. \$450 inclusive. 1-542-2796 after 5 p.m.

Rent - July 1989-July 1990.

Five-bedroom, faculty home, fully furnished, excellent location. Photos available. 433-8510, 432-2816.

Rent - Furnished, eight-room split-level. Fireplace, sundeck. In Aspen Gardens on bus route to University. Available August for one year. \$1,000. 432-2302 or 436-8808.

Rent - Old Strathcona, ten minutes to University. Fully renovated, large home. Garage. No smokers or pets. August 1989-15 July 1990. \$750 plus utilities. Linda, 432-5383 (days).

Sale - Quesnell Road. Large, two-storey, five-bedroom home, 2 1/2 baths, large kitchen, family room with fireplace, double garage, large lot. \$204,900. Phone mornings, evenings 486-6600.

Rent - August 1989-July 1990. Immaculate, furnished, three-bedroom split. No smokers, no pets. Petrolia. 432-5971, 436-4307.

Sale - Be your own landlord. No rent increase. Excellent, two-bedroom, two-bathroom, Riverbend condominium. City view. All appliances, drapes. All amenities, covered parking. Austin Youngberg, 438-4700. Royal LePage Realty. Riverbend.

Sale - University area. 1,180 sq. ft. home. Developed basement, hardwood floors, large bright kitchen, bay window, south exposure, fireplace, two bathrooms, garage, large assumable mortgage. John Weitzel, NRS Realty, 488-2000.

Sale - Ada Boulevard. Executive, two-bedroom bungalow with professionally developed basement. Incredible views of river valley and Edmonton skyline. Please phone Jacqui Lee, Re/Max Realty, 455-6900.

Sale - Walking distance to University and river valley. Two storey, three bedroom, single garage, large lot. Luke Flanagan, 448-6000. NRS Realty.

Accommodations wanted

Architect's family, currently housesitting for study leave, interested in

providing this service for 1-2 years. University area, commencing anytime-September 1989. 439-1872 after 6 p.m.

Married graduate students seek house to rent or sit, for 1-2 years. Excellent references. 435-6686.

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Piano recitalist, Pierre Souvairan, 10 February, 8 p.m. Provincial Museum Auditorium. Tickets at the door. Information, 436-5703.

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Goods for sale

Cash paid for appliances, 432-0272. Mac users - Hard drives 20MB \$889, 40MB \$989, 60MB \$1,089 with two-year warranty, support and free gift. The Byte Track, 493-8121.

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Suite Quiz

Does your current apartment offer you the following ...?

	Yes	No
Great Location	<input type="checkbox"/>	<input type="checkbox"/>
Spacious Living/Storage Area	<input type="checkbox"/>	<input type="checkbox"/>
Beautiful View of the City	<input type="checkbox"/>	<input type="checkbox"/>
New Carpeting	<input type="checkbox"/>	<input type="checkbox"/>
Excellent Service	<input type="checkbox"/>	<input type="checkbox"/>

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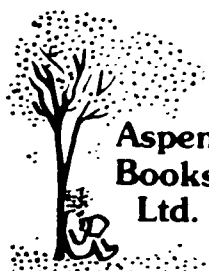


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